

Amendments to the Specification:

Please delete all lines before the title of the invention on page 1 of the patent application specification.

Please replace paragraph [0004] with the following amended paragraph:

[0004] The present invention is a system that at each hop can choose between a low and a high bandwidth signal. The invention is such that there are more center frequencies available for the use of the low bandwidth signals than by the high bandwidth signals. In a preferred embodiment, within a bandwidth range where there is only one possible high bandwidth center frequency, there are multiple possible low bandwidth center frequencies. ~~The n~~None of the low bandwidth signals extending outside of the bandwidth range of the high bandwidth signal.